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INDEX TO AMERICAN MYCOLOGICAL LITERATURE

Anderson, P. J., & Anderson, H. W. The chestnut blight fungus and a related saprophyte. *Phytopathology* 2: 204-210. O 1912.

Discusses the Connellsville fungus for which the name *Endothia virginiana* is proposed and concludes that we have in our territory (1) *Endothia radicalis* (Schw.) Fr., (2) the true blight, *E. parasitica* (Murrill), and (3) *E. virginiana*.

Banker, H. J. Type studies in the *Hydnaceae*—II. The genus *Steccherinum*. *Mycologia* 4: 309-318. 23 N 1912.

S. eccherinum Peckii and *S. basi-badium* spp. nov. are described.

Brooks, C., & De Meritt, M. Apple leaf spot. *Phytopathology* 2: 181-190. pl. 17. O 1912.

A disease caused by *Sphaeropsis malorum*.

Coker, W. C. *Achlya DeBaryana* Humphrey and the prolifera group. *Mycologia* 4: 319-324. pl. 78. 23 N 1912.

Coker, W. C. *Achlya glomerata* sp. nov. *Mycologia* 4: 325, 326. pl. 79. 23 N 1912.

Detmers, F. An ecological study of Buckeye Lake. *Proc. Ohio Acad. Sci.* 5: 5-138. pl. 1-12 + f. 1-31. My 1912.

The annotated list of plants includes 19 species of fungi.

Detwiler, S. B. Some benefits of the chestnut blight. *Forest Leaves* 13: 162-165. O 1912.

Fawcett, H. S. Citrus scab, *Cladosporium citri* Massee. *Monthly Bull. State Comm. Hort. California* 1: 833-842. f. 253-260. O 1912.

Fawcett, H. S. Gum diseases in citrus trees. *Monthly Bull. State Comm. Hort. California* 1: 147-156. f. 49-53. Ap 1912.

Fawcett, H. S. The potato wart disease. *Monthly Bull. State Comm. Hort. California* 1: 733-736. S 1912.

A fungus disease caused by *Chrysophlyctis endobiotica* Schilb.

Fred, E. B. A study of the quantitative reduction of methylene blue by bacteria found in milk and the use of this stain in determining the keeping quality of milk. *Centralb. Bakt. Zweite Abt.* 35: 391-428. 30 O 1912.

Contains considerable information of a botanical nature.

Hall, J. G. *Monochaetia Desmazierii*. Mycologia 4: 330, 331.
23 N 1912.

A note on the identity of the fungus causing the large leaf-spot of chestnut.

Heald, F. D., & Lewis, I. M. A blight of the mesquite. Trans.
Am. Micros. Soc. 31: 5-9. *pl. 1*. Ja 1912.

Hesler, L. R. The New York apple tree canker. Proc. Indiana
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Horne, W. T. Fungous root rot. Monthly Bull. State Comm.
Hort. California 1: 216-225. *f. 83-91*. My 1912.

Armillaria mellea the cause of root rot.

Hotson, J. W. Culture studies of fungi producing bulbils and
similar propagative bodies. Proc. Am. Acad. Arts and Sci.
48: 227-306. *pl. 1-12*. O 1912.

Includes new species in *Cubonia* (1), *Papulospora* (9), and *Melanospora* (3).

Johnson, A. G. The unattached aecial forms of plant-rusts in
North America. Proc. Indiana Acad. Sci. 1911: 375-411. 1912.

Johnson, E. C. The smuts of wheat, oats, barley, and corn. U. S
Dept. Agr. Farm. Bull. 507: 3-32. *f. 1-11*. 8 O 1912.

Lewis, I. M. A bacterial canker of plum twigs. Trans. Am.
Micros. Soc. 31: 145-149. *pl. 14*. Jl 1912.

A disease caused by *Pseudomonas pruni*.

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Hawaiian Sugar Planters' Assoc. Bull. 11: 5-28. *pl. 1 + f. 1-10*.
S 1912.

Includes *Melanconium iliau*, the imperfect stage of *Gnomonia iliau* sp. nov.,
and notes on *M. sacchari*.

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Phytopathology 2: 197-203. *pl. 20 + f. 1, 2*. O 1912.

Moore, G. T. Microörganisms of the soil. Science II. 36: 609-
616. 8 N 1912.

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Mycologia 4: 294-308. *pl. 77*. 23 N 1912.

New species are described in *Agaricus* (9), *Stropharia* (2), *Drosophila* (5),
and *Gomphidius* (1).

Murrill, W. A. Collecting fungi in the Adirondacks. Jour. N.
Y. Bot. Gard. 13: 174-178. 23 N 1912.

Murrill, W. A. Illustrations of fungi—XII. *Mycologia* 4: 289–293. *pl.* 74. 23 N 1912.

The following species of *Russula* are described and illustrated: *R. sericeonitens* Kauffman, *R. Mariae* Peck, *R. emetica* Fries, *R. sulcatipes* Murrill sp. nov., *R. obscura* Romell, *R. uncialis* Peck, *R. foetens* Pers., and *R. rubriochracea* Murrill sp. nov.

Murrill, W. A. New combinations for tropical agarics. *Mycologia* 4: 331, 332. 23 N 1912.

Murrill, W. A. The *Polyporaceae* of Mexico. *Bull. N. Y. Bot. Gard.* 8: 137–153. 23 N 1912.

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Murrill, W. A. Species of *Hydnaceae* appear to be scarce on the Pacific Coast, as elsewhere. *Mycologia* 4: 330. 23 N 1912.

Short notes on five species collected by the author.

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- Whetzel, H. H.** The fungous diseases of the peach. Proc. N. Y. State Fruit Growers Assoc. **11**: 211-219. 1912.